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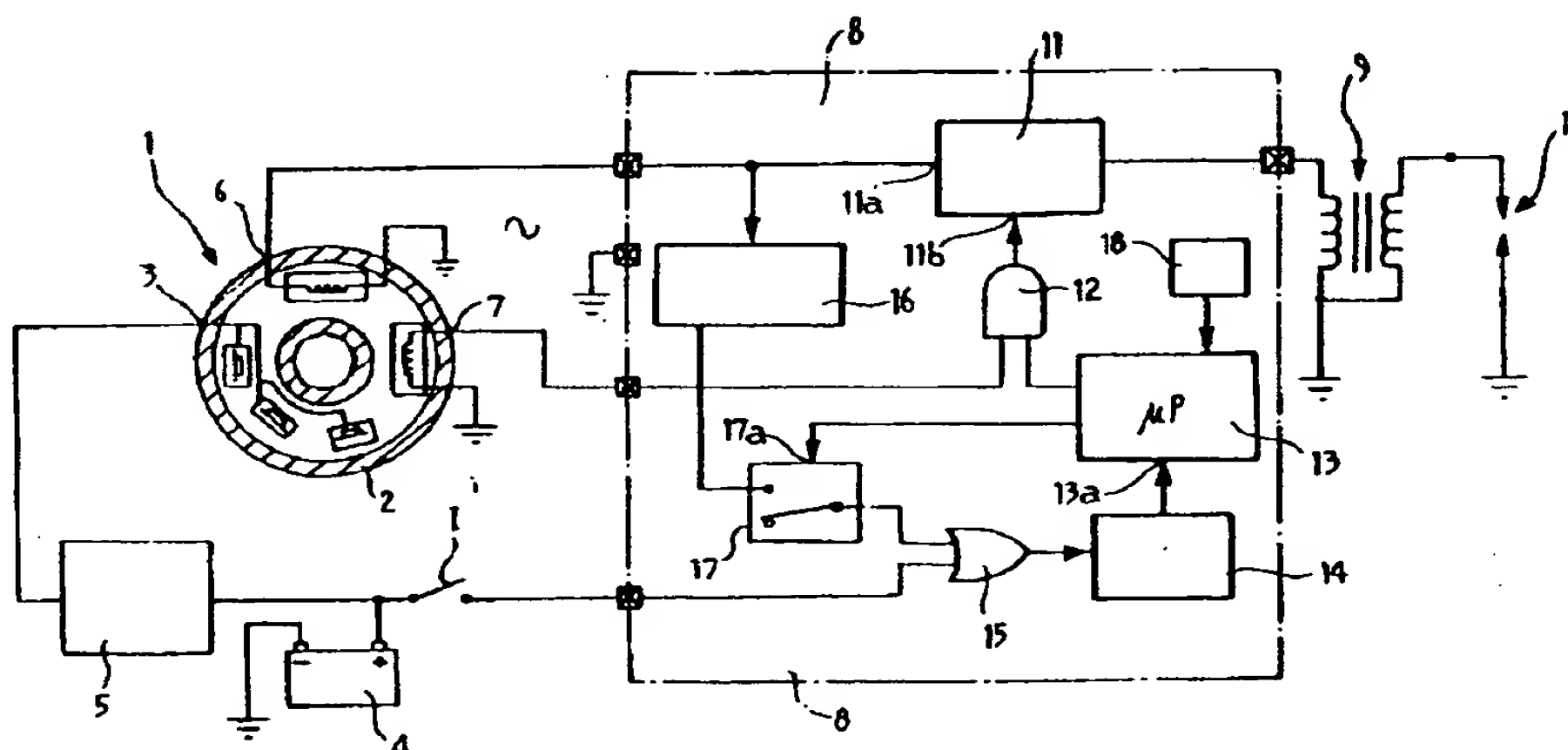
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(54) **An ignition system with an immobilization function for a motor vehicle with a magnetoelectric generator**

(57) The ignition system comprises an ignition coil (9) connected to a plug (10), and a capacitive-discharge ignition circuit (11) connected to the coil (9) and having a supply input (11a) connected to an output (6) of the generator (1) and a control input (11b) connected to another, third output (7) of the generator (1) which supplies a signal indicative of the rate of rotation of the engine. An electronic processing and control unit (13) is

connected to the control input (11b) of the ignition circuit (11) and to a device (18) for acquiring signals emitted by a transponder connected thereto. The control unit (13) is arranged to permit control and operation of the ignition circuit (11) in order to start the engine only if the signals received by the acquisition device (18) contain a predetermined code.



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nected to the third output (7) of the generator (1).

an electronic processing and control unit (13) connected to the control input (11b) of the ignition circuit (11), and 5

a supply device (14) which can supply a supply voltage to the electronic unit (13) and which has an input connected to the output of a voltage pre-regulator (16), which in turn is connected to the second output (6) of the generator (1), 10

the system being characterized in that it further comprises: 15

a device (18) for acquiring signals emitted by a transponder connected thereto, the device (18) being connected to the processing and control unit (13), 20

an enabling device (12) interposed between the third output (7) of the generator (1) and the control input (11b) of the ignition circuit (11) and controlled by the electronic processing and control unit (13), 25

and in that the input of the supply device (14) can be connected to the battery (4) to enable the processing and control unit (13) to be supplied when the engine or generator is switched off, and is connected to the voltage pre-regulator (16) by means of a switch (17) controlled by the unit (13), 30 35

the unit (13) being arranged to cause the control and operation of the ignition circuit (11) to be permitted, by means of the enabling device (12), in order to start the engine, only if the signal received by the acquisition device (18) contains a predetermined code and, when the engine has been started, to cause the supply device (14) to be connected to the pre-regulator by means of the switch (17). 40 45

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	FR 2 616 392 A (PERNET SOLLIET THIERRY ;MORTHA MICHEL (FR); DUBOIS DUNILLAC PATRIC) 16 December 1988 * abstract; figures 1,2 *	1	B60R25/04 F02P11/04 F02P1/08
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A	US 4 980 680 A (KNOLL WILLIAM C ET AL) 25 December 1990 * abstract; figure 1 *	1	
A	US 4 380 225 A (WESEMAYER JURGEN ET AL) 19 April 1983 * abstract; figure 1 *	1	
A	PATENT ABSTRACTS OF JAPAN vol. 095, no. 006, 31 July 1995 & JP 07 069174 A (SUMITOMO ELECTRIC IND LTD;OTHERS: 01), 14 March 1995 * abstract *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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Place of search THE HAGUE		Date of completion of the search 24 November 1998	Examiner Fuchs, P
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